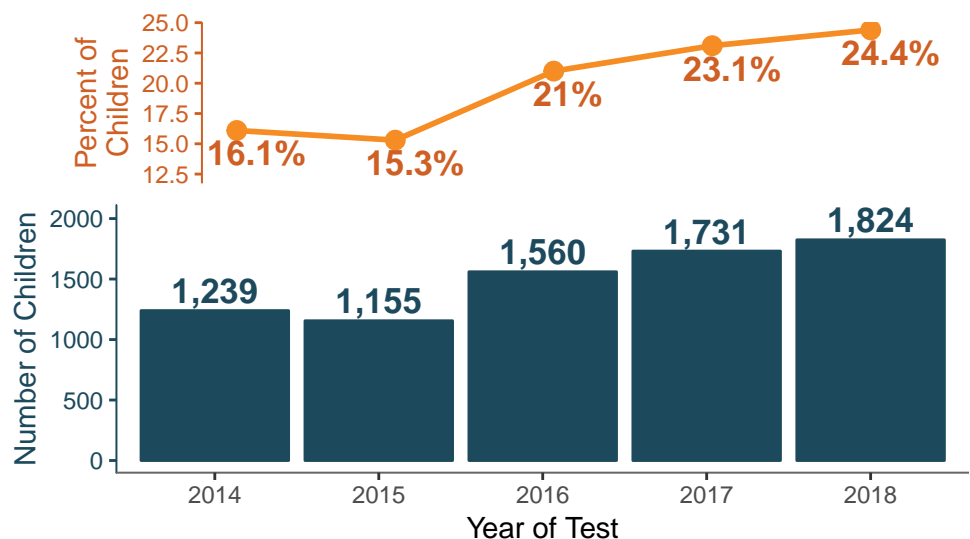


2018 LEAD EXPOSURE DATA BRIEF FOR THE STRAFFORD COUNTY REGION

Lead poisoning is entirely preventable. However, nearly 1 million children living in the United States have blood levels high enough to impair their ability to think, learn, and concentrate.

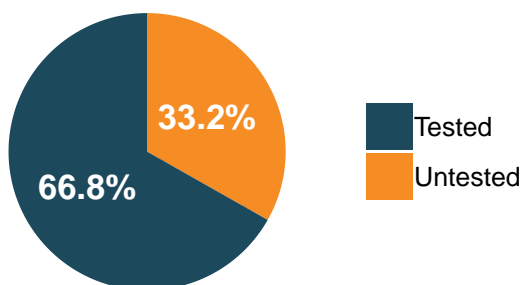
In 2018, 73 children (0 – 72 months old) in the Strafford County Region were identified with elevated blood lead levels of 5 ug/dL or higher.

Annual Number (and Percent) of Children, 0 to 72 Months Old, Tested for Blood Lead in the Strafford County Region 2014 – 2018



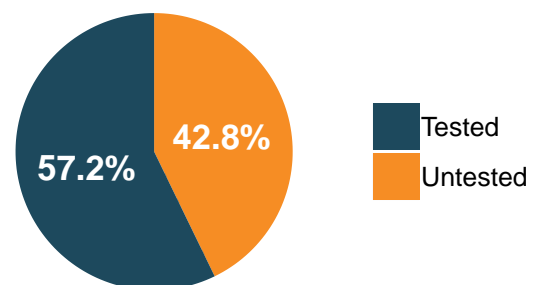
Percent of Children Tested per New Hampshire Screening and Management Guidelines

Percent of One-Year-Old Children Tested for Blood Lead



In 2018, 66.8% of one year-old (12–23 month-old) children residing in the Strafford County Region were tested for lead in their blood (854 of an estimated 1,279 children).

Percent of Two-Year-Old Children Tested for Blood Lead



In 2018, 57.2% of two year-old (24–35 month-old) children residing in the Strafford County Region were tested for lead in their blood (653 of an estimated 1,141 children).

In 2018, New Hampshire passed a state law requiring providers to conduct blood lead level tests for all one and two year-old children.

Childhood Lead Exposure by Town, 2018

TOWN	AGE GROUP (IN MONTHS)	POPULATION DPHS ESTIMATE 2018	NUMBER TESTED 2018	PERCENT TESTED (%) 2018	NUMBER WITH EBLL 5+ ug/dL 2018 ONLY	NUMBER WITH EBLL 5+ ug/dL 2014–2018	NUMBER WITH EBLL 10+ ug/dL VENOUS TESTS 2014–2018
BARRINGTON	0 to 72	618	154	25	1 – 4	15	1 – 4
	12 to 23	105	74	70	1 – 4	9	1 – 4
	24 to 35	94	57	61	0	1 – 4	1 – 4
DOVER	0 to 72	1980	502	25	17	77	15
	12 to 23	344	245	71	6	36	8
	24 to 35	308	173	56	1 – 4	16	1 – 4
DURHAM	0 to 72	197	58	29	1 – 4	1 – 4	1 – 4
	12 to 23	30	30	100	1 – 4	1 – 4	1 – 4
	24 to 35	25	17	68	0	0	0
FARMINGTON	0 to 72	488	110	22	8	43	7
	12 to 23	84	56	67	1 – 4	18	5
	24 to 35	75	42	56	1 – 4	14	1 – 4
LEE	0 to 72	258	61	24	1 – 4	6	1 – 4
	12 to 23	42	34	81	0	1 – 4	1 – 4
	24 to 35	38	21	55	1 – 4	1 – 4	0
MADBURY	0 to 72	126	23	18	1 – 4	1 – 4	0
	12 to 23	21	9	43	0	1 – 4	0
	24 to 35	19	11	58	0	1 – 4	0
MIDDLETON	0 to 72	124	19	15	0	1 – 4	0
	12 to 23	22	9	41	0	1 – 4	0
	24 to 35	19	7	37	0	0	0
MILTON	0 to 72	303	55	18	1 – 4	12	0
	12 to 23	52	23	44	1 – 4	1 – 4	0
	24 to 35	46	23	50	1 – 4	6	0
NEW DURHAM	0 to 72	153	25	16	0	1 – 4	0
	12 to 23	26	10	38	0	1 – 4	0
	24 to 35	23	12	52	0	0	0
ROCHESTER	0 to 72	1981	513	26	31	176	29
	12 to 23	339	223	66	8	70	17
	24 to 35	303	192	63	15	55	6
ROLLINSFORD	0 to 72	158	41	26	1 – 4	5	0
	12 to 23	27	22	82	0	1 – 4	0
	24 to 35	24	8	33	1 – 4	1 – 4	0
SOMERSWORTH	0 to 72	891	204	23	1 – 4	66	9
	12 to 23	154	90	58	1 – 4	30	1 – 4
	24 to 35	138	66	48	0	12	1 – 4
STRAFFORD	0 to 72	203	59	29	1 – 4	9	1 – 4
	12 to 23	33	29	88	1 – 4	5	1 – 4
	24 to 35	29	24	83	0	1 – 4	0
STRAFFORD COUNTY	0 to 72	7480	1824	24	73	421	66
	12 to 23	1279	854	67	26	182	37
	24 to 35	1141	653	57	25	117	11

Childhood blood lead test data is from the NH Healthy Homes Childhood Lead Poisoning Prevention Program. Elevated blood lead levels (EBLL) 5+ ug/dL is defined as a venous or capillary blood test with a result of 5 micrograms per deciliter (ug/dL) or higher. Exact numbers or percents cannot be reported when there are 1–4 cases due to suppression guidelines to protect privacy.

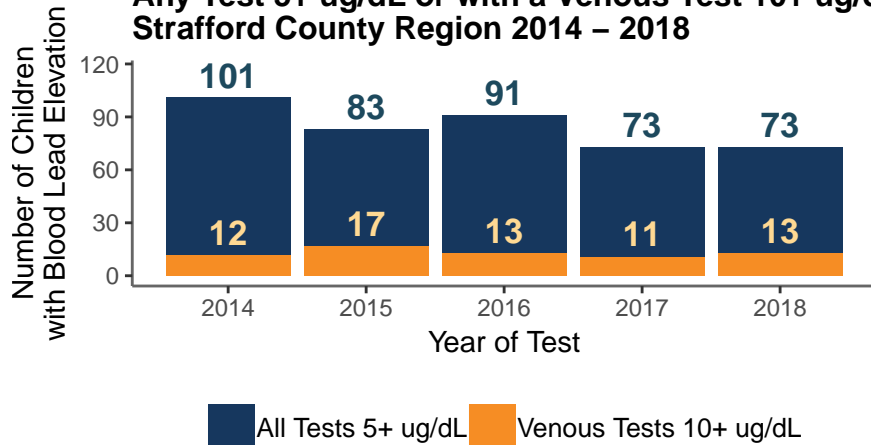
Childhood Lead Risk Factors by Town

TOWN	POPULATION UNDER 6 YO PERCENT (%)	HOUSING UNITS BUILT PRE-1950 PERCENT (%)	HOUSEHOLDS MOVED IN LAST YEAR PERCENT (%)	RENTED HOUSING UNITS W/ CHILDREN UNDER 6 YO PERCENT (%)	UNDER 6 YO LIVING BELOW FED. POVERTY LEVEL PERCENT (%)	UNDER 6 YO IN WITH NO HEALTH INSURANCE PERCENT (%)
BARRINGTON	7.7	14	6.1	3	0	0
DOVER	6.1	28	14	53	20.1	1.6
DURHAM	2.6	20	19.2	27	2.8	4.2
FARMINGTON	8.4	37	11.1	33	6.7	0
LEE	4.6	8	8.1	15	0	0
MADBURY	7	9	7.4	22	0	8.2
MIDDLETON	6.2	12	7.4	53	5.7	0
MILTON	6.8	34	1.8	34	0	7.9
NEW DURHAM	6.6	21	4.3	8	0	0
ROCHESTER	5.9	26	10.6	43	24.7	5.3
ROLLINSFORD	5.9	36	13.4	32	0	4
SOMERSWORTH	8.3	36	13.8	58	19.5	3.2
STRAFFORD	5	22	8.7	7	0	0
STRAFFORD COUNTY	6	26	11.5	40	14	2.8

Risk factor data is from the American Community Survey (ACS), 5–Year Estimate Data (2013–2017). Percent of renters with children under 6 yo was calculated from housing units with known occupancy status and known age of occupants. Under 6 yo living below federal poverty level was calculated from the number of children in households with income less than the federal poverty level for whom poverty status was determined. Note, percentages for smaller towns may have a large error.

Childhood Lead Exposure

**Annual Number of Children 0 to 72 Months Old with Any Test 5+ ug/dL or with a Venous Test 10+ ug/dL
Strafford County Region 2014 – 2018**



It only takes a speck of lead dust the size of a grain of salt to poison a child

Number of Children 0 to 72 Months Old with Elevated Blood Lead Levels 5+ ug/dL by Town (or Census Tract) in the Strafford County Region, 2014–2018

